



03-02.06

IFW

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/672,282 - Conf. # 8165	
	Filing Date	September 25, 2003	
	First Named Inventor	Mary Lou GUERINOT	
	Art Unit	1638	
	Examiner Name	Medina A. Ibrahim	
Total Number of Pages in This Submission	3	Attorney Docket Number	DCI-111

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		

Firm Name	LAHIVE & COCKFIELD, LLP		
Signature			
Printed name	Jeanne M. DiGiorgio		
Date	March 1, 2006	Reg. No.	41,710

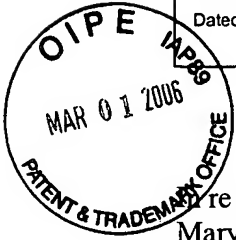
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV311019814US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: March 1, 2006

Signature:


(Jeanne M. DiGiorgio)

Docket No.: DCI-111
(PATENT)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Patent Application of:
Mary Lou Guerinot *et al.*

Application No.: 10/672,282

Confirmation No.: 8165

Filed: September 25, 2003

Art Unit: 1638

For: NOVEL MOLECULES OF THE MULTI-
DRUG AND TOXIN EFFLUX (MATE)
PROTEIN FAMILY AND USES THEREOF

Examiner: Medina A. Ibrahim

RESPONSE TO RESTRICTION REQUIREMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This is in response to the restriction requirement set forth in the Office Action mailed February 10, 2006.

The Examiner has required restriction among the following inventions in the above-identified application:

Group I: Claims 1-6 and 25, drawn to an isolated nucleic acid, a vector and host cell transformed with said nucleic acid, and methods of using said nucleic acid and said transgenic plant;

Group II: Claims 7-9, 11-19 and 26, drawn to an isolated polypeptide, transgenic plant comprising said polypeptide, and methods for using said polypeptide or said transgenic plants;

Group III: Claims 20-24, drawn to a method for treating meta-deficiency disorder using composition comprising transgenic plant expressing isolated FRD3 polypeptide therapeutically; and

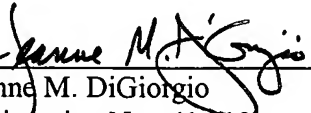
Group IV: Claim 10, drawn to an antibody.

Accordingly, Applicants hereby elect Group II, Claims 7-9, 11-19 and 26, without traverse.

Applicants believe no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 12-0080, under Order No. DCI-111 from which the undersigned is authorized to draw.

Dated: March 1, 2006

Respectfully submitted,

By 
Jeanne M. DiGiorgio
Registration No.: 41,710
LAHIVE & COCKFIELD, LLP
28 State Street
Boston, Massachusetts 02109
(617) 227-7400
(617) 742-4214 (Fax)
Attorney/Agent For Applicant